

## ECS Configuration Change Request

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|   |                         |   |                       |  |                      |                  |
|---|-------------------------|---|-----------------------|--|----------------------|------------------|
| 1. Originator<br>Alton Davis  | 2. Log Date:<br>8/12/02 | 3. CCR #:<br>02-0668  | 4. Rev:<br>—          | 5. Tel:<br>(301) 883-4132  | 6. Rm #:<br>2108A    | 7. Dept.<br>REDV |
| 8. CCR Title: Update the Release 6A ECS Internal Interface Control Document for the ECS Project (Release 6B version of the 313 document)  |                         |   |                       |  |                      |                  |
| 9. Originator Signature/Date<br>Alton Davis, Jr. /s/ 8/8/02   |                         | 10. Class<br>II   | 11. Type:<br>CCR      | 12. Need Date: 8/15/2002   |                      |                  |
| 13. Office Manager Signature/Date<br>Mark McBride /s/ 8/8/02  |                         | 14. Category of Change:<br>Update ECS Baseline Doc.                         |                       | 15. Priority: (If "Emergency" fill in Block 27).<br>Routine                                |                      |                  |
| 16. Documentation/Drawings Impacted (Review and submit checklist): 313-CD-610-002<br>Release 6A ECS Internal Interface Control Document for the ECS Project   |                         | 17. Schedule Impact:  |                       | 18. Cl(s) Affected: Release 6A ECS Internal Interface Control Document for the ECS Project |                      |                  |
| 19. Release Affected by this Change:<br>6B  |                         | 20. Date due to Customer:   |                       | 21. Estimated Cost:<br>None - Under 100K   |                      |                  |
| 22. Source Reference: <input type="checkbox"/> NCR (attach) <input type="checkbox"/> Action Item <input type="checkbox"/> Tech Ref. <input type="checkbox"/> GSFC <input type="checkbox"/> Other:<br>The Internal Interface Control Document for the ECS Project has been updated in about a year and a half.   |                         |   |                       |  |                      |                  |
| 23. Problem: (use additional Sheets if necessary)<br>The Release 6A ECS Internal Interface Control Document needs to be update with post Release 6A updates to the document.  |                         |   |                       |  |                      |                  |
| 24. Proposed Solution: (use additional sheets if necessary)<br>Update the Release 6A ECS Internal Interface Control Document for the post Release 6A (Release 6B version)   |                         |   |                       |  |                      |                  |
| 25. Alternate Solution: (use additional sheets if necessary)<br>N/A   |                         |   |                       |  |                      |                  |
| 26. Consequences if Change(s) are not approved: (use additional sheets if necessary)<br>Affect award fee for the end of contract activities. The Internal Interface Control document has not been updated in over a year. The contract calls for an end of contract documentation delivery of this document.  |                         |   |                       |  |                      |                  |
| 27. Justification for Emergency (If Block 15 is "Emergency"):   |                         |   |                       |  |                      |                  |
| 28. Site(s) Affected: <input type="checkbox"/> EDF <input type="checkbox"/> PVC <input type="checkbox"/> VATC <input type="checkbox"/> EDC <input type="checkbox"/> GSFC <input type="checkbox"/> LaRC <input type="checkbox"/> NSIDC <input type="checkbox"/> SMC <input type="checkbox"/> AK <input type="checkbox"/> JPL<br><input type="checkbox"/> EOC <input type="checkbox"/> IDG Test Cell <input type="checkbox"/> Other |                         |   |                       |  |                      |                  |
| 29. Board Comments:   |                         |   | 30. Work Assigned To: |  | 31. CCR Closed Date: |                  |
| 32. EDF/SCDV CCB Chair (Sign/Date):<br>Byron V. Peters /s/ 8/14/02  |                         | Disposition: <b>Approved</b> App/Com. Disapproved Withdraw Fwd/ESDIS<br>ERB |                       |  |                      |                  |
| 33. M&O CCB Chair (Sign/Date):  |                         | Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS<br>Fwd/ECS    |                       |  |                      |                  |
| 34. ECS CCB Chair (Sign/Date):  |                         | Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS<br>Fwd/ESDIS  |                       |  |                      |                  |

**Release 6B Internal Interface Control Document for the ECS Project (313 Document) Update**  
**Summary**  
**Tuesday, August 13, 2002**

1. Added Ingest browse and metadata from IGS tapes capability
2. Completed DCE replacement with sockets (replacement of almost all portions of the Distributed Computing Environment within the ECS with socket connections)
3. Removal of compression on distribution material (to compress data before putting it on media for distribution - not included in the baseline by the customer)
4. Completed removal of creation of EDOS backup tapes within ECS for backup for EDOS operations
5. The Error Handling summary requested by the customer has been included in this updated version of the document
6. The Fault Management summary requested by the customer has been updated in this updated version of the document
7. Updates to obvious engineering updates or corrections needed to the system text and diagrams (corrections to or clean up of diagrams from QA review)